

Patent Abstracts of Japan

PUBLICATION NUMBER : 11306661
PUBLICATION DATE : 05-11-99

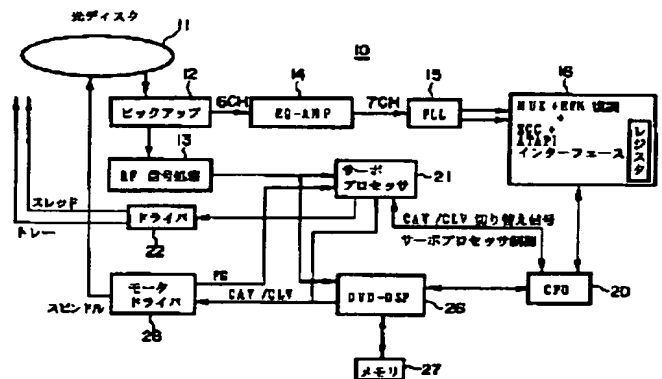
APPLICATION DATE : 22-04-98
APPLICATION NUMBER : 1011880

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INT.CL. : G11B 19/28 G11B 19/12

TITLE : DATA READ-OUT DEVICE FOR
OPTICAL DISK



ABSTRACT : PROBLEM TO BE SOLVED: To improve a data read-out by changing over a rotary driving means rotatively driving a set optical disk and the rotational system of the optical disk by the rotary driving means to a CLV or a CAV.

SOLUTION: A CPU 20 detects the kind of an optical disk 11 and lengths of respective files by reading in contents of the register of this device to transmit a CAV/CLV changeover signal to a servo processor 26 and a DVD-DSP 26. The DVD-DSP 26 performs a processing by performing the reading/writing of data to a memory 27 properly. Moreover, the CPU 20 transmits an instruction for the opening and the closing of a tray and the instruction of a thread to the servo processor 21, which controls an actuator for opening and closing the tray and an actuator for thread by driving a driver 22. A motor driver 28 controls the rotational speed of a spindle motor rotatingly driving the optical disk 11 by increasing or decreasing the driving current to the spindle motor.

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